BRUHAT BANGALORE MAHANAGARA PALIKE

Office Of The Executive Engineer
Electrical Division Dasarahalli Zone
Bruhat Bangalore Mahanagara palike

Approved SCHEDULE - B

Name of the Work:- Maintenance and repairs to electrical installation in BBMP building schools maternity homes community hall markets and other current works.

Sl. No.	Qty.	Description of Work	Unit	Rate Rs.	Rupes in Words
1	1	Licenced electrician wiremen fitter with tools (Skilled) Rs.13365/Person/Month. Rs.13365*12=1,60,380/Person/Year. KAE71LWA 2015 Dated 04-08-2016	each	160380.0	Rupees One Lakh Sixty Thousand Three Hundred and Eighty Only
2	1	a).Helper (Electrical) (Semi-Skilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016	each	132132.0	Rupees One Lakh Thirty Two Thousand One Hundred and Thirty Two Only
3	1	Supplying & Changing of Alternator AVR.(Automatic Voltage Regulator)	Nos	8000.0	Rupees Eight Thousand Only
4	1	Supplying & Changing of Dynamo repair Kit such as Corbons, Bearings & Diode Etc,.	Nos	2500.0	Rupees Two Thousand Five Hundred Only
5	2	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS-13947. 2) 125Amps	Each	4500.0	Rupees Four Thousand Five Hundred Only
6	6	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703. 3) 125Amps	Each	258.0	Rupees Two Hundred and Fifty Eight Only
7	2	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.400mm Sweep	Each	2000.0	Rupees Two Thousand Only
8	5	Supply of 230 V CFL Lamp Holder 2 pin	No	40.0	Rupees Forty Only
9	5	Point wiring using Copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Mtr	250.0	Rupees Two Hundred and Fifty Only
10	95	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm	Rmt	16.0	Rupees Sixteen Only
11	95	4)4 sqmm	PER Mtr	38.0	Rupees Thirty Eight Only
12	34	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch	Nos	33.0	Rupees Thirty Three Only
13	25	6Amps 3 way 5 pin Socket	Nos	51.0	Rupees Fifty One Only
14	15	16 Amps SP switch	No	80.0	Rupees Eighty Only
15	15	16 Amps 3 way 5 pin socket	No	90.0	Rupees Ninety Only
16	5	32 Amps Bakelite DP	No	140.0	Rupees One Hundred and Forty Only

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			No	240.0	Rupees Two Hund and Forty Only
17	10	16/6 Amps combined plug and socket wit control switch			
18	45	2'/4' - 36/40 Watts Fluorescent Tubes: Supplying and fixing of 36W Fluorescent Tube with 36W power consumption with initial lumen of 2750 (3000 deg K / 4000 deg K) with rated avg life of greater than 10000 hrs.	No	43.0	Rupees Forty Three Only
19	25	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance)	No	330.0	Rupees Three Hundred and Thirty Only
20	15	Supplying of of 2 pin/4 pin 18W CFL Lamp	No	100.0	Rupees One Hundred Only
21	10	Condenser for ceiling fan/MV/SV/MH and other luminaires Upto 4 mfd	No	70.0	Rupees Seventy Only
22	5	Upto 8 mfd	No	96.0	Rupees Ninety Six Only
23	5	Stepped Fan Regulator.	Each	270.0	Rupees Two Hundred and Seventy Only
24	10	LED Indoor Supplying of 4' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical conditionLED light fighting 4' - 28 watts	Nos	1770.0	Rupees One Thousand Seven Hundred and Seventy Only
25	2	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of overload and short circuit with thermal Magnetic/Micro processed release and Earth Fault as per IS-13947. (Icu=Ics). FOUR POLE 6) 125-160Amps 25kA.	Each	5300.0	Rupees Five Thousand Three Hundred Only
26	1	Supplying, installaion, testing & commis-sioning of 12Volts.. AH batteries in poly propylene container for D.G Sets low maintenance batteries. 4) 150 AH, Acid batteries.	Each	20600.0	Rupees Twenty Thousand Six Hundred Only
27	3	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C.50 Hz 12/24v D.C.	Each	350.0	Rupees Three Hundred and Fifty Only
28	9	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 11) 95 sq mm long barrel	Each	140.0	Rupees One Hundred and Forty Only
29	6	15) 240 sq mm long barrel	Each	460.0	Rupees Four Hundred and Sixty Only
30	1	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. 4) 5)160-200Amps	Each	15800.0	Rupees Fifteen Thousand Eight Hundred Only
31	1	3) 60-70 amps	Each	4600.0	Rupees Four Thousand Six Hundred Only
32	2	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required confirming IEC 60898. 6) 40-63 Amps TPN	Each	1800.0	Rupees One Thousand Eight Hundred Only
33	4	3) 5-32Amps DP	Each	830.0	Rupees Eight Hundred and Thirty Only

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34	10	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders	Each	90.0	Rupees Ninety Only
35	2	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Each	130.0	Rupees One Hundred and Thirty Only
36	3	Fixing of ..... Amps TPST / change over switch / Contactor along with neutral link with screws, bolts, nuts and wiring using required capacity wires and circuit labeling.00A to 250A TPST	Each	350.0	Rupees Three Hundred and Fifty Only
37	6	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.1200MM	Each	500.0	Rupees Five Hundred Only
38	200	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification [Test certificate to be produced]	Litre	16.0	Rupees Sixteen Only
39	44	Supplying and Topping -up of new Transil OIL	Per Litre	130.0	Rupees One Hundred and Thirty Only
40	11	Supplying and installation of insulated refrigerant copper tubing of 5/8`` and 3/8`` with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit. Leak testing oil and gas charging for additional piping length of tube.Split	Mtrs	1000.0	Rupees One Thousand Only
41	1	Supply and fixing of condensing coil for Split Air Conditioners.2 ton capacity	Nos	20000.0	Rupees Twenty Thousand Only
42	2	Supplying and fixing the fan motor for blowers and condenser of 1/5 HP, single shaft/double shaft suitable for split /window air conditioners.	Nos	3000.0	Rupees Three Thousand Only
43	5	supply and fixing cpacitor's (of approved make) for window/split air conditoner	Nos	300.0	Rupees Three Hundred Only

I am prepared to take up the above work at - the rates quoted in the Schedule 'B'

Contractor Sign

EXECUTIVE ENGINEER (ELEC)
DASARAHLLI ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

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